Index of Claims



Application/Control No.

10/039,821

Examiner

SUTULA, DANIEL P.

Applicant(s)/Patent under Reexamination

Art Unit

Charles R. Kasenge

2125

|   | √ | Rejected |
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| I | = | Allowed  |

(Through numeral) Cancelled

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| Claim     |          | Data     |          |          |          |          |                    |  |          |           | Claim Date |          |                    |   |              |  |   |        | $\neg$ |   | aim | Data    |          |              |            |            |        |        |   |           |           |   |
|-----------|----------|----------|----------|----------|----------|----------|--------------------|--|----------|-----------|------------|----------|--------------------|---|--------------|--|---|--------|--------|---|-----|---------|----------|--------------|------------|------------|--------|--------|---|-----------|-----------|---|
| LIE       | Date     |          |          |          |          |          |                    |  |          | <u> </u>  | allii<br>T | Date     |                    |   |              |  |   |        |        |   |     | Date    |          |              |            |            |        |        |   | $\dashv$  |           |   |
| Final     | Original | 7/1/04   | 2/23/05  | 7/27/05  | 1/18/06  | 7/10/06  | 11/16/06           |  |          |           | Final      | Original |                    |   |              |  |   |        |        |   |     | Final   | Original |              |            |            |        |        |   |           |           |   |
| ·         | 1        | 1        | 1        | 1        | 1        | 1        | =                  |  |          |           |            | 51       | Г                  |   |              |  |   |        |        |   |     |         | 101      |              | $\neg$     |            |        | $\neg$ | 一 | П         | $\neg$    | _ |
|           | 2        | 1        | 1        | 1        | 1        | 1        | =                  |  |          |           |            | 52       |                    |   |              |  |   |        |        |   |     |         | 102      |              |            |            | $\neg$ |        |   |           | $\neg$    | ヿ |
|           | 3        | 1        | 1        | 1        | 1        | V        | =                  |  |          |           |            | 53       |                    |   |              |  |   |        |        |   |     |         | 103      |              |            |            |        |        |   |           | $\neg$    |   |
|           | 4        | 1        | 1        | 1        | 1        | V        | =                  |  |          |           |            | 54       |                    |   |              |  |   |        |        |   |     |         | 104      |              |            |            |        | Ī      |   |           |           |   |
|           | 5        | 1        | 1        | 1        | 1        | V        | E                  |  |          |           |            | 55       |                    |   |              |  |   |        |        |   |     |         | 105      |              | $\neg$     |            |        |        |   | $\neg$    | $\neg$    |   |
|           | 6        | 1        | 1        | 1        | 1        | 1        | =                  |  |          |           |            | 56       |                    |   |              |  |   |        |        |   |     |         | 106      |              |            |            |        |        |   | T         | $\exists$ |   |
|           | 7        | 1        | 1        | 1        | 1        | 1        | =                  |  |          |           |            | 57       |                    |   |              |  |   | $\neg$ | $\neg$ |   |     |         | 107      |              |            |            | $\neg$ |        |   |           | T         |   |
|           | 8        | 1        | 1        | 1        | 1        | 1        | =                  |  |          |           |            | 58       |                    |   |              |  |   |        |        |   |     |         | 108      |              |            |            |        |        |   |           |           |   |
|           | 9        | V        | 1        | 1        | 1        | 1        | =                  |  |          |           |            | 59       |                    |   |              |  |   |        |        |   |     |         | 109      |              |            |            |        |        |   |           |           |   |
|           | 10       | 1        | 1        | 1        | 1        | 1        | =                  |  |          | П         |            | 60       |                    |   |              |  |   |        |        |   |     |         | 110      |              |            |            |        |        |   |           |           |   |
|           | 11       | 1        | 1        | 1        | 1        | 1        | =                  |  |          |           |            | 61       |                    |   |              |  |   |        |        |   |     |         | 111      |              |            |            |        |        |   |           |           |   |
|           | 12       | 1        | V        | √        | 1        | V        | =                  |  |          |           |            | 62       |                    |   |              |  |   |        |        |   |     |         | 112      |              |            |            |        |        |   |           |           |   |
|           | 13       | 1        | 1        | √        | V        | V        | =                  |  |          |           |            | 63       |                    |   |              |  |   |        |        |   |     |         | 113      |              |            |            |        |        |   |           |           |   |
|           | 14       | 1        | 1        | V        | V        | V        | =                  |  |          |           |            | 64       |                    |   |              |  |   |        |        |   |     |         | 114      |              |            |            |        |        |   |           |           |   |
|           | 15       | 1        | V        | V        | V        | V        | =                  |  |          |           |            | 65       |                    |   |              |  |   |        |        |   |     |         | 115      |              |            |            |        |        |   |           |           |   |
|           | 16       | 1        | 1        | 1        | V        | 1        | =                  |  |          |           |            | 66       |                    |   |              |  |   |        |        |   |     |         | 116      |              |            |            |        |        |   |           |           |   |
|           | 17       | 1        | V        | 1        | 1        | 1        | =                  |  |          |           |            | 67       |                    |   |              |  |   |        |        |   |     |         | 117      |              |            |            |        |        |   |           |           |   |
|           | 18       | V        | 1        | 1        | V        | 1        | =                  |  |          | $\Box$    |            | 68       |                    |   |              |  |   |        |        |   |     |         | 118      |              |            |            |        |        |   |           |           |   |
|           | 19       | 1        |          |          | Г        |          |                    |  |          |           |            | 69       |                    |   |              |  |   |        |        |   |     |         | 119      |              |            |            |        |        |   |           |           |   |
|           | 20       | V        |          |          |          |          |                    |  |          |           |            | 70       |                    |   |              |  |   |        |        |   |     |         | 120      |              |            |            |        |        |   |           |           | • |
|           | 21       |          | Γ        |          |          |          |                    |  |          |           |            | 71       |                    |   |              |  |   |        |        |   |     |         | 121      |              |            |            |        |        |   |           |           |   |
|           | 22       |          | Г        |          |          |          |                    |  |          |           |            | 72       |                    |   |              |  |   |        |        |   |     |         | 122      |              |            |            |        |        |   |           |           |   |
|           | 23       |          |          |          |          |          |                    |  |          |           |            | 73       |                    |   |              |  |   |        |        |   |     |         | 123      |              |            |            |        |        |   |           |           |   |
| · · · · · | 24       |          |          |          |          |          |                    |  |          |           |            | 74       |                    |   |              |  |   |        |        |   |     |         | 124      |              | $_{\perp}$ | $\perp$    |        |        |   |           |           |   |
|           | 25       |          |          |          | Γ        | П        |                    |  |          |           |            | 75       |                    |   |              |  |   |        |        | ] |     |         | 125      |              |            |            |        |        |   |           |           |   |
|           | 26       |          |          |          |          |          |                    |  |          |           |            | 76       |                    |   |              |  |   |        |        |   |     |         | 126      |              |            |            |        |        |   |           |           |   |
|           | 27       |          |          |          |          |          |                    |  |          |           |            | 77       |                    |   |              |  |   |        |        |   |     |         | 127      |              |            |            |        |        |   |           |           |   |
|           | 28       |          |          |          |          |          |                    |  | ·        |           |            | 78       |                    |   |              |  |   | $\Box$ | _      |   |     |         | 128      | Ш            |            | _          | _      |        |   |           |           |   |
|           | 29       |          |          |          |          |          |                    |  |          |           |            | 79       |                    |   |              |  |   |        |        |   |     |         | 129      | Ш            |            |            |        |        |   |           |           |   |
|           | 30       |          |          |          |          |          |                    |  |          |           |            | 80       |                    |   |              |  |   |        |        |   |     |         | 130      |              |            |            |        |        |   |           |           |   |
|           | 31       |          |          |          |          |          |                    |  |          |           |            | 81       |                    |   |              |  |   |        |        |   |     |         | 131      |              |            |            |        |        |   |           |           |   |
|           | 32       |          |          |          |          |          |                    |  |          | Ш         |            | 82       |                    |   |              |  |   |        |        |   |     |         | 132      |              |            |            |        |        |   |           |           |   |
|           | 33       |          | L        | L        | 匚        |          | Ĺ                  |  |          |           |            | 83       |                    |   |              |  |   |        |        |   |     |         | 133      | Ш            |            | [          |        |        |   |           |           |   |
|           | 34       |          |          |          | $\Box$   |          |                    |  | L        |           |            | 84       |                    |   |              |  |   | ]      |        |   |     |         | 134      | Ш            |            | _[         |        |        |   |           | [         |   |
|           | 35       |          |          |          | $\Box$   |          |                    | L  |          | Ш         |            | 85       |                    |   |              |  |   |        |        |   | Ш   |         | 135      | $oxed{oxed}$ |            | _          |        |        |   |           | _         |   |
|           | 36       |          |          |          |          |          | 乚                  | $oldsymbol{ol}}}}}}}}}}}}}}}}}}}}$ | L        | Ш         |            | 86       | L                  |   |              |  |   |        | I      |   |     |         | 136      | Ш            |            |            |        |        |   |           |           |   |
|           | 37       |          |          |          |          |          |                    |  |          |           |            | 87       |                    | L | لـــا        |  |   | [      |        |   | Ш   |         | 137      |              |            |            |        |        |   |           |           |   |
|           | 38       |          |          |          |          |          | $oxedsymbol{oxed}$ |  |          |           |            | 88       | L                  | ட |              |  |   |        |        |   |     |         | 138      | Ш            |            |            |        |        |   |           |           |   |
|           | 39       |          |          |          |          |          |                    |  |          |           |            | 89       |                    |   | $\Box$       |  |   |        |        |   | Ш   |         | 139      | Ш            |            | [          |        |        |   |           |           |   |
|           | 40       |          |          |          |          | ┖        | oxdot              |  |          |           |            | 90       |                    |   |              |  |   |        |        |   |     |         | 140      |              |            |            |        |        |   |           |           |   |
|           | 41       |          |          | <u> </u> |          |          |                    |  |          | Ш         | L_         | 91       | L                  | L |              |  |   |        |        |   |     |         | 141      | Ш            |            |            |        |        |   |           |           |   |
|           | 42       |          | L        |          | _        |          |                    |  | <u> </u> | Ш         |            | 92       | 1                  |   | L.           |  |   | ]      |        |   |     |         | 142      | Ш            |            | [          |        |        |   |           |           |   |
|           | 43       |          |          | <u> </u> |          |          |                    | Ш  |          | Ш         | L          | 93       | <u> </u>           | _ | $oxed{oxed}$ |  |   |        |        |   |     |         | 143      |              |            |            |        |        |   |           |           |   |
|           | 44       |          |          |          | L        |          | $oxedsymbol{oxed}$ |  |          | L·]       |            | 94       |                    |   |              |  |   | ]      |        |   |     |         | 144      | $\square$    |            |            | $\Box$ |        |   |           |           |   |
|           | 45       |          |          |          | $\Box$   |          |                    |  | $\Box$   |           |            | 95       | $\Box$             |   |              |  |   |        |        |   |     |         | 145      |              |            | $_{\perp}$ |        |        |   |           |           |   |
|           | 46       |          |          | L        | L        |          |                    | $oxedsymbol{oxed}$   |          | Ш         | L          | 96       |                    |   | <u> </u>     |  |   | ]      |        |   |     |         | 146      | Ш            |            | [          | _]     |        |   |           |           |   |
|           | 47       |          | <u> </u> |          | <u> </u> | <u> </u> | $oxed{oxed}$       |  |          |           |            | 97       | <u> </u>           |   |              |  |   |        |        |   | Ш   | <u></u> | 147      |              |            |            |        |        |   | $\coprod$ | ]         |   |
|           | 48       |          | _        | oxdot    | $\perp$  | <u> </u> | L                  | oxdot  | <u> </u> | Ш         | <u> </u>   | 98       | $oxedsymbol{oxed}$ | Ш | $\Box$       |  | Ш | $\Box$ |        |   | Ш   |         | 148      | $\square$    |            | $\Box$     |        |        |   |           |           |   |
|           | 49       | <u>L</u> | <u></u>  |          |          | _        | L                  | <u></u>  | _        | $\square$ |            | 99       |                    |   |              |  |   |        |        |   |     |         | 149      | $oxed{oxed}$ |            |            |        |        |   |           |           |   |
|           | 50       |          |          |          |          | 1        |                    | l  | ٠        | 1 1       |            | 100      | Ιĺ                 | 1 | l            |  |   | - 1    | Ĩ      |   |     |         | 150      |              |            | T          | Ī      | -      |   |           |           |   |